

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Patricia A. Beck et al

Application No.: (Filed Herewith)

Filing Date: (Filed Herewith)

Title: PHOTOPATTERNABLE MOLECULAR CIRCUITRY

Confirmation No.:

Examiner:

Group Art Unit:



COMMISSIONER FOR PATENTS
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- (X) under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- () under 37 CFR 1.97(c) together with either a:
() Statement under 37 CFR 1.97(e), or
() a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- () under 37 CFR 1.97 (d) together with a:
() Statement under 37 CFR 1.97(e), and
() a petition under 37 CFR 1.97(d)(2), and
() a \$180.00 petition fee set forth in 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EL722214982

Date of Deposit Oct 24, 2001

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, D.C. 20231.

By

Typed Name: Mary Urbach

Respectfully submitted,

Patricia A. Beck et al

By

David W. Collins

Attorney/Agent for Applicant(s)

Reg. No. 26,857

Date: Oct 24, 2001

Telephone No.: (520) 399-3203

PATENT APPLICATION

Sheet 1 of 2

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10003472-1

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GROUP

 1000 U.S. PTO
 10/001756
 10/24/01


REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1A	6128214	10/3/00	P.J. Kuekes et al	365	151
	1B	6256767	7/3/01	P.J. Kuekes et al	716	9
	1C	6198655	3/6/01	Heath et al	365	151
	1D					
	1E					
	1F					
	1G					
	1H					
	1I					
	1J					
	1K					

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	1L							
	1M							
	1N							
	1O							
	1P							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

✓	1Q	C.P. Collier et al., "Electronically Configurable Molecular-Based Logic Gates", Science, Vol. 285, pp. 391-394 (16 July 1999)
✓	1R	C.P. Collier et al., "A [2]Catenane-Based Solid State Electronically Reconfigurable Switch", Science, Vol. 289, pp. 1172-1175 (18 August 2000)
✓	1S	USSN 09/823,195, "Bistable Molecular Mechanical Devices With a Band Gap Change Activated by an Electric Field for Electronic Switching, Gating, and Memory Applications", filed March 29, 2001

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	2A					
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	2C					
	2D					
	2E					
	2F					
	2G					
	2H					
	2I					
	2J					
	2K					

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							YES	NO
	2L							
	2M							
	2N							
	2O							
	2P							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	2Q	USSN 09/280,048, "Chemically Synthesized and Assembled Electronic Devices", filed March 29, 1999
	2R	
	2S	

EXAMINER

DATE CONSIDERED